

SOUTH BAY TRS-80® Users Group

COMMENTS: 00000000 000000 000000



DYNAMIC MEMORIES™

© Tandy Corp./Radio Shack Inc.

MARCH

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Merci? Mais oui, ja suis le artiata modale trois
Le IBM? Je ne le connaia pas.

SOUTH BAY TRS-80 USERS GROUP

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SBUG meetings are held the 3rd Tuesday of each month in the north-east corner of Dyess's building at:

Time - 7:15 to 10:30 PM 5401 Petrick Baery Drive
Seata Clara, Ca

March 20, April 22, and May 24

Topic of the month: Not yet revealed by the Great Computer God who is correctly contemplating his oavel (located right next to the east bettoo, and sometimes confused with it).

Also!!! Don't forget the SIG group that meets at Dyess the first Wednesday of each month (March 7th). The Model 100 is popular at this meeting. See you there!!!

MEMBERSHIP

If you would like to become a member of SBUG and start receiving our oavalatter "Dynamic Memories" then send \$18.00 (check/money order) to the following address:

South Bay TRS-80 User Group
P.O. Box 60116
Seacysale, Ca 94088

or come to one of our meetings. If you also wish to communicate with our holistic hoerd system (SEUG-80) then include an additional \$25.00 for an accoost of the system. You must be a member of SBUG to have an accoost of SEUG-80. Please, include your address and phone number. Thanks . . .

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If the need arises, feel free to give one of us a call.

THE EDITOR'S BYTES

My wife firmly believes that hardware manufacturers and software producers are united in a giant conspiracy to take from us computer bnhhyista the very last of our totterad, grubby mooy, giving to return ontbing but usalaca tabanngy. Of course my wife is Latin American, and Latin Americans, when they are not busy asolog conspirators concealed behind pork bushes or lurking under restaurant tables, are frontically conspiring.

Sagas iotn whither we goast. Konvost thou? The Model I is sociant now, hneorad, but onciaot. Surely, 40 years from now a monk no the wiodawapt plains of Tibet will be attempting to write a program on his Model I that will reveal his karma, but far here and now, the mod is in sight. The Model III will follow the same trail, Apparatus looger supports NEWDOS, so what computer and DOS will YOU be working with?

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CONVERSION--MOD III TO I

BY GEORGE E. OLSON

We know that Mod. I programs may be converted to a Mod. III, however there have been some doubts about converting Mod. III to Mod. I. This may be accomplished with the aid of DOSPLUS 3.5. First boot up DOSPLUS 3.5, then enter the following command:

```
CONVERT :1 :0,E,MODI=N
```

Quoting from DOSPLUS page #3-7: "By specifying <MODI=N>, we inform CONVERT that the diskette to be converted is NOT a Mod. I double density TRSDOS, and therefore must be a Mod. I TRSDOS.

I have converted several disks without any problems. The only problem that may occur is in case the program was written for Mod. III.

HOW SPEEDSW/CMD WORKS

by Pete Fratus, South Bay TRS-80 Users Group

There have been about a dozen letters and hints sent to the TRS-80 magazines about how to make your ModI 4 run at 4MHz in ModI III mode. None has given a solution to the occasional disk crashes caused by running at a faster speed during disk I/O. Ian Wehh wrote a small program to handle the disk problem. From Ian's earlier work, I narrowed the code to make an enhanced version that handles another problem -- how to get back to III speed without hunting.

Why would I want to run in the slower ModI III speed anyway? Several times I have run into an application that doesn't work well in the faster speed, such as the BASIC full screen editor from CAU. XEDIT allows configuration of key repeats. When a fast repeat is chosen and I am running at 4 speed, it is difficult to move the cursor only one character at a time.

That makes editing tough!

Cassette loading and save games can also be a problem. Just about anything that runs off the clock works differently and sometimes not at all.

SPEEDSW/CMD is a small assembly language program that switches back and forth between ModI III and ModI 4 speed. It uses the same technique described in the ModI III/4 Disk System Owner's Manual on page 80, Operating Speed.

By PEEKing or POKEing location 16912,(ORing) or (ANDing) a 64 or 191 to it, and OUTputting to port 236, the clock speed is changed back and forth from III to 4. The switching function of this program relies on the fact that the speed is always going to be one or the other. Just find out what it is now, and make it the opposite.

The disk timing part was a little trickier. Ken's program was loading a value into part of TRSDOS. I spent quite a while figuring out just exactly what he was doing. In the hook, TRSDOS COMMENTO, the code at location 4400H is labelled "Twiddle some electronic thumb." This is a delay routine for disk I/O. When the speed is changed to 4MHz, the time spent executing these instructions is cut by roughly one half, so, on occasion -- the disk becomes garbled.

The method used to fix this was to substitute instructions that would take about twice as long, so that cutting the time in half would get it back to normal even though the CPU work was still faster.

To switch back to Model III speed, I replaced those original instructions. Examining the source listing for SPEECSW/CMO. At lines 180-200, the code at the disk timing location (4400H) is loaded and compared to the value of the longer instructions. If the longer instructions are already there, they need to be replaced with the original shorter ones, so go to MISHRT at line 330.

When the timing codes are the long ones, they are overlaid with shorter codes, two at a time, in lines 330-420. The count starts at eight, and is decremented by one, twice during each loop.

The only other possibility is that they are already the original ones, so make them longer at lines 210-270. It takes eight of them to cover up the old code. Notice that the count starts at eight and is decremented by one for each loop until the count is zero.

The seemingly leaguer equivalent of the PEEKing, ANDing and or ORing, and POKEing is done in two pieces. Depending on whether I am speeding up (ORing) or slowing down (ANDing), I execute the code at 280-320 or 430-470, respectively.

Each piece gets the old value, makes the changes, puts it back, outputs to the port, and returns to the calling program.

The /CMO file method has worked well for me, but I wanted to be able to change the speed on the fly from within BASIC. The load address of ED10H was a good place for my use, but the code is location independent, so you

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can move it anywhere.

The program can be inserted and jumped to in BASIC with CMD "L","SPEEDSW/CMD", DEFUSR0=&HED10, K=USR0(0). Remember to protect high memory for the location you choose. It loads and runs a lot faster if it is resolved into decimal numbers and POKE'd into a magic array. Magic arrays are attributes you can execute. They have been explained in many 80-MICRO, Computer User, and Basic Computing articles, as well as BASIC Faster and Better.

```
00010;SPEEDSW - SWITCH MODEL 4 (IN III MODE) TO 4MHz
00020; PETE FRATUS JANUARY 27,1984
00030;USING THE CURRENT TIMING CODE AS A REFERENCE, THIS
00040;PROGRAM TOGGLES BETWEEN III SPEED AND 4 SPEED.
00050;I USE IAN WEBB'S METHOD OF DISK SLOW DOWN GOING
00060;TO 4 MHz. AT 4400H, THERE IS A SERIES OF
INSTRUCTIONS
00070;TO PROVIDE DISK TIMING. HE REPLACES THEM WITH SLOWER
00080;INSTRUCTIONS. WHEN GOING BACK TO III SPEED, I
REPLACE
00090;PUT BACK THE ORIGINAL INSTRUCTIONS.
```

```
00100;*** NOTE *** THE FORMAT OVERLAY CONTAINS THE SAME SET
00110;OF TIMING INSTRUCTIONS; I WOULD NOT RUN IN 4 SPEED
00120;WHEN FORMATTING!
00130;
00140;THIS PROGRAM IS RELOCATABLE BECAUSE NO LOCAL STORAGE
00150;IS USED.
00160;
00170      ORG      0ED10H      ;START LOCATION
00180 START  LO      A,(DISK)  ;GET TIMING INSTR
00190      CP      LONGER      ;IS IT LONG?
00200      JR      Z,MKSHRT     ;IF YES, MAKE SHORTER
00210      LO      A,LONGER     ;ELSE, GET LONG CODE
00220      LD      HL,OISK      ;SET HL TO CODE ADDR
00230      LD      B,EIGHT      ;SET LOOP COUNT
00240 LLOOP  LO      (HL),A      ; PUT IN LONG CODE
00250      INC     HL            ; NEXT ADDRESS
00260      DEC     B             ; COUNT - 1
00270      JR      NZ,LLOOP     ;LOOP UNTIL B ARE DONE
00280      LD      A,(SPEED)     ;GET OLD SPEED
00290      OR      BIT6          ;TURN 4 SPEED BIT ON
00300      OUT     (PT236),A      ;TELL CPU WHAT YOU DID
00310      LD      (SPEED),A      ;PUT NEW SPEED BACK
00320      RET                  ;GO BACK TO DOS OR BASIC
00330 MKSHRT LD      DE,SHRTER   ;GET SHORT CODE
00340      LO      HL,DISK        ;GET CODE ADDRESS
00350      LD      B,EIGHT        ;SET LOOP COUNT
00360 SLOOP  LO      (HL),D      ; PUT SHORT CODE IN ADDR
00370      INC     HL            ; NEXT ADDRESS
00380      DEC     B             ;.COUNT - 1
00390      LD      (HL),E        ; PUT OTHER SHORT CODE IN
```

```

00400      INC      HL          ; NEXT ADDRESS
00410      DEC      B          ; COUNT - 1 AGAIN
00420      JR       NZ,SLOOP    ; LOOP UNTIL B ARE DONE
00430      LD       A,(SPEEO)    ; GET OLD SPEEO
00440      AND      NOT6        ; SET 4 SPEEO BIT OFF
00450      LO       (SPEEO),A    ; PUT NEW SPEEO BACK
00460      OUT      (PT236),A    ; TELL CPU YOU OLD IT
00470      RET                ; GO BACK TO DOS OR BASIC
00480 EIGHT EQU 0008H
00490 BIT6 EQU 0040H          ; MASK 01000000
00500 NOT6 EQU 008FH          ; MASK 10111111
00510 LONGER EQU 00E3H        ; OPCODE EX (SP),HL
00520 SHRTER EQU 0F5FH        ; OPCODES PUSH AF, POP AF
00530 PT236 EQU 00ECH        ; PORT 236
00540 SPEEO EQU 4210H         ; LOCATION OF SPEEO BIT
00550 OISK EQU 4400H          ; LOCATION OF TIMING CODE
00560      END      START

```

OF MANUALS AND MYSTERIES
BY JOEL LEE

You just bought a beautiful oaw program. It dona all those tbinge you've hooe dreamng of doing, footer and batter. It's suppoond to do oome thiogs you HADN'T dreamt of doing. You hoot up thn program--sh-h-h, lovely. You open the maoual.

#####

An hour later you amerng from the murky dopths of thn mooual shaking your head like a wounded buffalo. Your oow program dooo all kinda of wonderful thiogs, but---bow do you ocbinva thnm? Ao Egiptologist would circle this manual 3 timoe before approaching it. Sofflad nod waery you pick up your favoritm computer magaziao and lwhat luck!! Thera, oo odvortiaement for a book that explaios thn maoual for your beautiful, naw program. \$24.95, plus shipping and tax, hut this ia oo time to bn paltry.

Thraa weeks later thn book arrivns. You grab it like a cannibal ainziog o shipwrockad seilor. Pages and pagos AND pagas of explanation. After a week and hours of otudy thn program ia workiog. But it limps, it aputtnrs, it'a oot quite thn beautiful thing it could be. Thao your eyn falls upoo so od in your sncood favoritm computer magoxina. You know tba rnot. You gussnd it. You buy tbn hook that explnioa thn hook that explaios the maoual for your heautiful program. \$24.95. Plus \$4.90 shipping. Plus tax.

<Masongo from JIMDINK nt SBUG-80 02/19/84 10:20:19>
RE: IS THERE A OISK EMULATOR FOR THE MOOEL I?
Read commaod :

SOUTH BAY TRS-80 USERS GROUP

HAVE NEED TO FIND AND INSTALL A DISK EMULATOR ONTO MY MOORE I (LNU) AS THE TYPE OF WORK THAT I AM DOING ON SHORT LETTERS IS JUST TAKING 60% OF MY TIME TO DO NOTHING BUT MASHING FLOPPYS. HAVE NOT BEEN SUCCESSFUL IN LOCATING THE REQUIRED MATERIAL FOR THE MOORE I. AM ALSO INTERESTED IN ANYONE'S OPINION ABOUT ANY EXPERIENCE IN THE USE OF THESE DEVICES. IS THERE MORE THAN ONE AVAILABLE?

.....
WOULD APPRECIATE A CALL AT (415) 493-9307 IF YOU HAVE ANY INFO. WOULD APPRECIATE A CALL AT (415) 493-9307 IF YOU CAN GIVE SOME INSIGHT. SORRY, CAN'T BE AT TUESDAY NIGHT'S MEETING BECAUSE OF PRIOR COMMITMENT.

.....
YOUR THOUGHTS PLEASE.....

Read command :

<Message from JIMINK at SBUG-80 02/19/84 10:27:17>
RE: REPAIRS OF TI SILENT 700 MOORE 743 KSR EIA/TTY
Read command :

WHOM CAN YOU RECOMMEND TO REPAIR TWO OF THE ABOVE ITEMS ON AN EXPEDITED OR ONE WEEK TURNAROUND BASIS?

.....
ONE UNIT DID NOT RETURN AFTER A POWER OUTAGE AND I SUSPECT POWER SUPPLY PROBLEMS.

.....
THE OTHER UNIT SEEMS TO HAVE A WEAK STAPPER MOTOR IN THE HEAD DRIVE MECHANISM AND NEEDS ADJUSTMENT IN THIS AREA.

.....
IN ADDITION, THIS PERSON WANTS TO BUY AN ADDITIONAL SILENT 700 OR EQUIVALENT.

.....
YOUR THOUGHTS TO: JIM INKEY
..... (415) 493-9307
.....ENTERED SUNDAY 10:40 AM
THANKS FOR YOUR HELP.

Read command :

<Message from PHANTOM at SBUG-80 02/19/84 20:38:13>
RE: WHAT IS CREF80/CMO ?
Read command :

HI ALL,

CAN SOMEONE OUT THERE HELP ME AND TELL ME WHAT CREF80/CMO IS AND HOW OR EVEN WHEN TO USE IT? I FOUND IT ON A DISK I PURCHASED AT THE SWAP MEET AND CAN FIND NO DOC ON THE PROGRAM. IF SOMEONE WOULD LEAVE ME A NOTE I WOULD GREATLY APPRECIATE IT

THANKS PHANTOM
ALIAS RICHARD

<Message from SENSING at SBUG-80 02/03/84 19:28:34>

MARCH 1984

RE: MOOEL IV INTERNAL SPEAKER
Read command :

I HAVE A FRIEND WITH A MODEL IV. HE HAS HAD IT SINCE THE BEGINNING OF JANUARY AND DOESN'T HAVE ANY DRIVES YET. RIGHT NOW HE HAS A QUESTION ABOUT THE INTERNAL SPEAKER. HOW IS THE SPEAKER ENABLED (OR DOES IT EVEN COME INSTALLED FROM THE SHACK) ? ANYBODY GOT AN ANSWER ?

BOB >EENSING<

Read command :

<Message from JIBBYTRM at SBUG-EO 02/04/84 12:56:43>
RE: Visicalc for NavdneEO
Read command :

Help !!!

I have made the necessary Zaps to VC/cmd that were described in the NavdneEO zap information but there seems to be a problem. When you get into the STORAGE section and want to scan the drives for files with /VC as the extnet it doesn't find them. Are there zaps that will make this work ? Are there any other problems or Zaps that are not discussed in the NavdneEO zaps that are needed to VC/CMD for MOOEL I. By the way, what are the differences between the MODEL III and MODEL I Visicalc programs ?? I don't want to use TRSDOS unless I have to.

Thanks All
Jibbytrm

Read command :

<Message from ROGERAND at SEUG-EO 02/04/84 15:27:14>
RE: MODEL 100 DISK
Read command :

I WAS IN A RADIO SHACK STORE TODAY AND THEY WERE TALKING ABOUT DISK DRIVES FOR THE MODEL 100.
DRIVES WILL BE APPROX \$250.00
REQUIRED INTERFACE \$750.00
THE INTERFACE WILL ALLOW USE OF A VIDEO MONITOR.
INTERFACE? SHADES OF MODEL 11
LAST WEEK AT THE SWAP MEET IN SAM MATEO I SAW A NEC NOTEBOOK COMPUTER HOOKED TO A DISK DRIVE AND RUNNING A COLOR MONITOR VIA AN INTERFACE.
I HOPE POPPA SHACK HAS SEEN FIT TO INCLUDE COLOR.

Read command :

<Message from KURT at SEUG-EO 02/05/84 15:11:22>

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RE: MOD.3 to 4 CONVERSION
Read command :

HAS ANYONE HAD A THREE COVERTED TO A 4 BY RS. IF SO
HOW HAS IT WORKED??? ETC. PLEASE LET ME KNOW
CURT SCHILD 448-0448
KURT

Read command :

<Message from IANWEBB at SBUG-80 02/05/84 17:22:21>
RE: MODEL 4 INFORMATION---3-->4 CONVERSION
Read command :

You don't have an internal epokeer unless you have a disk
machine with the Model 4. It is an addition that is put
in when you upgrade to disk drive.
When R/S convert to a Model III to Model 4, they use your
Model III disk drive and controller. They replace
everything else EXCEPT the case of your machine, on all
practical purposes, it IS a Model 4. You also have
an advantage so that you have two internal supplies and
the Model 4 has a power supply drop when you access
disk drives which causes the CRT to blink slightly. With
the dual Model III supplies, this doesn't happen.
Why not talk to Bruce Carey at 8&C Computervision about
a conversion. It is identical and cheaper.

Read command :

<Message from LNW2MDK at SBUG-80 02/05/84 17:43:47>
RE: AIR TOOLS
Read command :

IF ANYONE OUT THERE HAS ANY AIR TOOLS THAT ARE NOT
NEEDED I WOULD BE IN THE MARKET FOR THEM IF THE \$
ARE RIGHT...
CALL ME AT 408 734-0898 OR LEAVE A MESSAGE ON THE BBS
ASK FOR SAM.....

<< LNW2MDK >>

Read command :

<Message from RON at SBUG-80 02/06/84 13:38:24>
RE: HOLMES MOD 1 RS232 / LNW E/I MOD
Read command :

THE GUY WHO RUNS 'DISK BYTERS' BBS IN
FREMONT GOT HOLMES COMPLETE 8/I FOR MOD 1
BUT BAUD RATE IS SET BY DIP SWITCHES,
MAKING HIS 1200/300 BAUD BBS NO LONGER
PROGRAM SWITCHABLE TO 1200. THERE WAS
AN ARTICLE ABOUT ADDING A CHIP TO THE
LNW MOD 1 8/I (HAS SAME DIP SW.) TO MAKE
BAUD RATE PROGRAMMABLE LIKE REAL R/S
IN SOME MAGAZINE, BUT I CAN'T FIND IT.

MARCH 1984

DOES ANYONE KNOW WHAT MAG/ISSUE?

Read command :

<Message from RON at SBUG-80 02/06/84 13:43:44>
RE: MOD 100 HOLMES STRINGY REVIEW
Read command :

I RAN INTO DAN ROBINSON WHO IS DOING
THE REVIEW OF HOLMES STRINGY FLOPPY (\$350)
FOR MOD 100. HE MENTIONED ONE POINT HE
THOUGHT WAS *VERY* BAD: IT CAN ONLY
SAVE/LOAD .DO TEXT FILES; *NO* .BA .CO
YOU MUST SAVE THE BASIC AS ASCII FIRST
& WAIT (A LONG TIME) FOR BASIC TO 'EAT'
THE ASCII WHEN LOADING. (DEVICE CAME FROM
80 MICRO; REVIEW IS FOR THEM & INFOWORLD;
DAN WAS AT SAN BRUNO TRS/18M CLUB 1ST TH)

Read command :

<Message from RON at SBUG-80 02/06/84 13:54:50>
RE: 80 TRACK D8L SIDED \$149 NEW
Read command :

THERE'S ONE LEFT TM100-4 TANDON BARE DRIVE.
\$149 (UNLESS PHANTOM DECIDES TO TRADE HIS
TM100-2 FOR IT). WHITE FRONT (NOT BLACK).

Read command :

<Message from GLENN at SBUG-80 02/06/84 15:48:14>
RE: BAUD RATE AND LNW E/I
Read command :

I can't remember which issue it was in (80 MICRO) BUT!!
the md as given was NOT COMPATIBLE with the RS method
of changing baud rate.

Glenn

<Message from GLENN at SBUG-80 02/06/84 18:36:59>
RE: NEED HELP TESTING 88S
Read command :

I am testing a new (for me) BBS system -TB8S and
need help testing it - if you can call between 7:00
and 9:00 tonight, I would appreciate it greatly.
the number is (408) 942-8164 300 baud only.

Glenn

Read command :

<Message from GLENN at SBUG-80 02/08/84 18:54:37>
RE: STILL TESTING THE BBS
Read command :

SOUTH BAY TRS-80 USERS GROUP

I am still testing the TBBS system - it will be up from 8:00 p.m. to 8:00 a.m. tonight as please give it a call. The number is (408) 942-B164 - 300 baud only!!! the modem will never 1200 baud but will be usable to communicate.
Glass

Read command :

<Message from IANWEBB at SBUG-BO 02/10/84 21:27:55>
RE: SCHEMATIC/MANUAL FOR TM100-4
Read command :

DOES ANYONE HAVE A SCHEMATIC OR BOOK FOR THE BO TK
DOUBLE SIDED TANDON TM100-4? WOULD SURE LIKE TO
BORROW IT. IAN - B67-9533.

Read command :

<Message from IANWEBB at SBUG-BO 02/10/84 21:29:49>
RE: DRIVES FOR \$25 AND \$75.
Read command :

WW SURPLUS/ COMPONENT SALES ON JUNCTION AVENUE ABOUT ONE
BLOCK SOUTH OF BROKAW HAS MPI B-51 DRIVES.
\$25 EACH FOR AS-IS NEED REPAIR, BUT ALL THERE.
\$75 EACH FOR CHECKED OUT AND GUARANTEED 90 DAYS.
HAD A LOT OF THEM, BUT IF YOU WANT TO TRY TO MAKE A GOOD
ONE OUT OF A COUPLE OF BAD ONES, PROBABLY SHOULD LOOK AT
THEM SOON.

<Message from IANWEBB at SBUG-BO 02/15/84 05:40:39>
RE: MODEL III FOR SALE + MX BO
Read command :

I know someone with a little-used Model III and MIBO
which he wants to sell. He used them less than 25 hours
all total probably.
Is interesting in selling the pair. Asking \$1400, but
will discuss price.
Call (evening probably best) 246-B984.

Read command :

<Message from BARRY at SBUG-BO 02/15/84 08:28:13>
RE: DYNAMIC MEMORIES VIA BBS
Read command :

How about putting DYNAMIC MEMORIES onto a disk far down-
loading? Is that way SBUG can save the cost of mailing to
those of us who would just as soon take MEMORIES of the
hard. Anyone else have any thoughts on this???

BARRY

Read command :

MARCH 1984

<Message from PHANTOM at SBUG-80 02/15/84 09:30:49>
RE: FOR SALE 6800 SWTPC FLEX SYSTEM
Read command :

81 ell,

I have for sale a good starter system. It is not a glamorous TRS-80 but it is a disk based system. I would recommend it for a hardware type person. It is complete with all the hardware documents spare memory boards and parts and pieces would cost \$\$ if purchased separately. I am asking about \$650.00. I have voice synthesizer for it also.
6800 24k memory 5 RS232 ports 1 parallel VS-SC01 OISK software and more call for details.

Phantom
Alias Richard
at 984-8779
or 248-8770 work

Read command :

<Message from SAMBROWN at SBUG-80 02/18/84 10:34:17>
Read command :

HI, I HAVE RECEIVED THE IBM TO TRS-80S AND VICE-VERSA PROGRAM AND IT ALSO CONTAINS THE COCO TO TRS-80S PROGRAM WITH IT. IT WORKS WELL AND IS WORTH THE 54.00\$ SPENT, BUT A WARNING TO THE COCO PEOPLE::::IT DOES NOT TAKE THE COCO TO IBM AS ADVERTISES::::: THIS WAS ADVERTISED VERY HEAVILY AND THEY THOUGHT IT COULD BE DONE, AT ADVERTISING TIME IT WAS PUBLISHED THAT WAY. DONT BUY IT FOR TRYING TO USE WITH THE IBM-COCO. IT HANDLES BOTH MS-PC DOS 1.0 VERY WELL AND BRINGS THE OLD MODEL 1-3 UP WITH THE NEW MACHINES IT DOES HAVE BROWARE RESTRICTIONS.

Read command :

<Message from SAMBROWN at SBUG-80 02/18/84 10:37:16>
Read command :

WE RECEIVED THE LATEST VERSION OF HYPERZAP 3.0 AND ITS WELL WORTH THE 15.00\$. IT MAKES MOST OF THE MANUAL COMMANDS AUTOMATIC AND LISTS THE RESTRICTIONS OF THE PROGRAM TOO. IT DOES HAVE A LOT OF OTHER FUNCTIONS TOO.

Read command :

<Message from SAMBROWN at SBUG-80 02/18/84 10:42:29>
Read command :

IF YA ALL NEED DOCUMENTATION OR PROGRAMS AND CANT FIND ANY AROUND THE CLUB, YA MIGHT GIVE ME A CALL. WE DO HAVE THE LARGEST SELECTION OF TRS-80 PROGRAMS AT THE HOUSE, AND WILL ALWAYS BE WELCOME TO USE THEM. IT DOES NOT MEAN YA HAVE TO AFFILIATE YOURSELVES WITH MY CLUB IM STILL A

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MEMBER IN GOOD STANDING WITH S-BUG. AS A MEMBER SINCE 1979
I HAVE A WIDER VIEW OF THE CLUB AND ITS CAPABILITIES. CALL
IF YA CANT FIND YOUR PROGRAMS OR DOCUMENTATION, I'LL BE
GLAD
TO SHARE WITH YA.

Read command :

<Message frna MARRAZZO at SBUG-BO 02/1B/B4 17:36:2B>
RE: VIDEO GAME
Read command :

HELLO I JUST WENT THROUGH MY JUNK AND FOUND
A BALLEY ARCADE GAME WITH SEVEN CART.
ONE OF THEM IS THE BASIC CART. IF ANYONE
IS INTERESTED IN IT GIVE ME A CALL AT
HOME TTHE NUMBER IS 23B-51B9. I AM ASKING
50.00 FOR IT. IF I REMEMBER RIGHT IT HAD SOME
PROBLEM RUNING AFTER IT
WARMED UP. BUT AT 50.00 YOU MAKE IT RUN
JOE MARRAZZO
(MARRAZZO)

I am still testing the TBBS system - it will be up frnm
B:00 p.m. tn B:00 a.m. tonight so plessn give it a call.
The number ia (40B) 942-B164 - 300 baud nny!!! the mnden
will answer 1200 baud but will be unable tn communicate.
Glenn

Read command :

<Message from IANWEBB at SBUG-80 02/10/84 21:27:55>
RE: SCHEMATIC/MANUAL FOR TM100-4
Read command :

DOES ANYONE HAVE A SCHEMATIC OR BOOK FOR THE BO TK
DOUBLE SIDED TANDON TM100-4? WOULD SURE LIKE TO
BORROW IT. IAN - 867-9533.

Read command :

<Message frna IANWEBB at SBUG-80 02/10/84 21:29:49>
RE: DRIVES FOR \$25 AND \$75.
Read command :

WW SURPLUS/ COMPONENT SALES ON JUNCTION AVENUE ABOUT ONE
BLOCK SOUTH OF BROKAW HAS MPI B-51 DRIVES.
\$25 EACH FOR AS-IS NEED REPAIR, BUT ALL THERE.
\$75 EACH FOR CHECKED OUT AND GUARANTEED 90 DAYS.
HAD A LOT OF THEM, BUT IF YOU WANT TO TRY TO MAKE A GOOD
ONE OUT OF A COUPLE OF BAD ONES, PROBABLY SHOULD LOOK AT
THEM SOON.

<Message frna IANWEBB at SBUG-80 02/15/B4 05:40:39>

MARCH 1984

RE: MODEL III FOR SALE + MX 80
Read command :

I know someone with a little-used Model III and MX80 which he wants to sell. See need them less than 25 hours all total probably. Is interested in selling the pair. Asking \$1400, but will discuss price. Call (number probably best) 246-89E4.

Read command :

<Message from DURANT at SEUG-80 02/23/84 17:58:17>
RE: MODEL I WANTED
Read command :

Hi All

A friend of mine is looking for a Model I, Level II Machine with a 'G' board (one with two rom chips). If you have one for sale for or know of someone who does please give John Rovnar (415) 489-4058 a call. He can be reached at this number any day after 2 P.M.
John Durant (Durant)

Read command :

<Message from MANGR at SEUG-80 02/23/84 18:58:15>
Read command :
ANYONE THAT MAY HAVE DOCUMENTATION ON PROFILE V3.2 PLEASE CALL JIM, (408) 246-52E6

Read command :

<Message from ROGERAND at SEUG-80 02/24/84 21:43:56>
RE: DRIVES FOR SALE
Read command :

A FRIEND HAS THE FOLLOWING FOR SALE.
2---5 1/4 DOUBLE DENSITY SINGLE SIDED
BASF DRIVES
1---PERCOM SEPARATOR FOR MODEL I
(THIS IS NOT A DOUELER)

Read command :

<Message from ROGERAND at SEUG-80 02/24/84 21:45:37>
RE: OOOOPS MORE ABOUT PREVIOUS MESSAGE. THE SELLER, ROBERT BANSLEMAN (415)591-1193

From Editor: Tbn Computer Fair RAG has a good article on public domain software on page 5. It might be interesting to see how much of that mentioned in the article we have and to make an effort to obtain what we do not have.

South Bay TRS-80 Users Group
P.O. Box 60116
Sunnyvale, Ca 94088

FIRST CLASS MAIL